AH-160

Desktop Automated IC Programming Equipment

Introduction

AH-160 is a compact automated programming equipment supporting Flash andMicrocontroller. AH-160 can be used in the office, lab or on the production line. Moreover, AH-160 is the best programming solution for the high-density devices because it's superb ultra-high throughput and affordable price.

Standard Accessories

AH-160-I internal pneumatic or AH-160-E external pneumatic x1
SU-320 Stand-alone Universal & Gang Programmer x4
CD x1
(Included driver and manual)
USB cable x1
AC cable x1

Features

- **Office Automation Design**

  The system power is 100~240V. No need any air facility. Just connect an USB cable to PC, and feed the IC tray, run the operation software. AH-160 satisfy your office and lab automation need. On the other hand, AH-160 is provided the external pneumatic type for production line as well.

- **Flexible Ultra-high Programming module**

  AH-160 build in SU-320 x 4 which is able to support 4~16 reliable and outstanding quality programming.

- **Friendly Operation**

  AH-160 provides easy-to-learn and easy-to-use software and hardware. The GUI software provides automatic history record function. Moreover, it provides calibration wizard which makes to change package module and calibrate much easier. The hardware is designed for plug-and play for you easy to reach self-learning.

- **Ultra-high Throughput**

  AH-160 is special design for automatic tray-in/out programming solution. The state-of-art robotics deliver 550/uph at the zero programming time.

- **CCD automatic calibration module**

  The AH-160 provides CCD automatic calibration module. It is able to do the self-positioning for the socket which make AH-160 move precisely and quickly.

Specification

	Throughput	550 U.P.H (zero programming time)	
Transmission System	Repeatability	X axis ±0.03mm, Y axis ±0.03mm, Z axis ±0.2mm, Bar axis ±0.01mm	
	Max. Stroke	X axis 400mm, Y axis 310mm, Z axis 18mm, Bar axis 5mm	
	Pick & Place Method	Single Vacuum Nozzles	
Position System	Positioning	Preprocessor	
	Preprocissor Device Dimensions	30 x 30mm	
CCD Image recognition	Sensor	CMOS	
	Dynamic resolution	5 Mega Pixels	
Programming System	Resident Programmer	High Speed Gang Programmer	
	Socket Site	4~16 sockets	
	Device supported	NOR Flash, NAND Flash, EEPROM .	
	File Formats Supported	Binary / Machine Code, Intel HEX, TEK HEX, Motorola HEX	
Feeding System	Manural Tray-in / out	JEDEC stander	
Physical Specifications	Dimensions	520 x 700 x 550mm	
	Net Weight	70KG	
PC System Requirements	Operating System	Windows7 / Vista / XP (32bit & 64bit)	
	Processor	Core 2 Duo above	
	Memory	2GB RAM above	
	Hard Disk	500 MB above, Buffer 4GB above	
	Interface	USB 2.0 High Speed	
Operation Requirements	Input Voltage	AC100V~240V, Single-phase, 3-wires	
	Input Frequency	50 / 60Hz	
	Power Consumption	200W(Max)	

Optional Accessories

NOR-TSOP48-X4, NOR-TSOP56-29-X4, NOR-TSOP56-J3-X4,NOR-TSOP56-P3-X4,SFLASH-SOP16-X4, SFLASH-BGA24-4x6B-X4, SFLASH-BGA24-5x5B-X4,SOP8-207-X4, SOP8-150-X4, SON8-4x4-X4, WSON8-1.97x2.46-X4,WSON8-2x3-X4, WSON8-5x6-X4, WSON8-6x8-X4,BGA64-J3-P3-X4(10x13), BGA64-J3-P3-X4(10x8),BGA64-29-X4(10x13), BGA64-29-X4(11x13), BGA64-29-X4(9x9) ...etc